



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV220Swft-1N

55 gr. PSP - Pointed Soft Point

Calculation of Maximum **Point Blank Range** for a Vital Zone of: 4 inches (**2" High to 2" Low**)
Maximum Point Blank Range is 281 yards. Set Zero at 243 yards

Trajectory for Winchester .224 dia. 223 Rem, 55 gr. FMJ at 3603 Feet per Second

At an Elevation Angle of: 0 degrees

Range (Yards)	Velocity (Ft/Sec)	Energy (Ft/Lbs)	Momentum (Ft-Lbs)	Drop (inches)	Bullet Path (inches)	Wind Drift (inches)	Time of Flight (Seconds)
0	3603	1585.1	0.88	0	-1.5	0	0
25	3494.1	1490.8	0.85	-0.09	-0.43	0	0.02113837
50	3388.1	1401.7	0.83	-0.35	0.47	0	0.042936679
75	3284.8	1317.5	0.8	-0.8	1.18	0	0.065418825
100	3184	1237.9	0.78	-1.46	1.68	0	0.088610423
125	3085.5	1162.5	0.75	-2.32	1.97	0	0.112539107
150	2989.3	1091.1	0.73	-3.42	2.03	0	0.137234634
175	2895.2	1023.5	0.71	-4.76	1.85	0	0.162729028
200	2803.1	959.4	0.68	-6.36	1.41	0	0.189056719
225	2712.9	898.6	0.66	-8.23	0.7	0	0.21625469
250	2624.5	841	0.64	-10.4	-0.31	0	0.24436273
275	2537.9	786.4	0.62	-12.89	-1.64	0	0.273423782
300	2452.8	734.6	0.6	-15.71	-3.31	0	0.303484455
325	2369.3	685.5	0.58	-18.9	-5.33	0	0.334595989
350	2287.5	638.9	0.56	-22.47	-7.74	0	0.366811768
375	2207.3	594.9	0.54	-26.46	-10.57	0	0.400189271
400	2128.6	553.2	0.52	-30.89	-13.84	0	0.434790615
425	2051.5	513.9	0.5	-35.8	-17.6	0	0.470681661
450	1976.1	476.8	0.48	-41.23	-21.87	0	0.507931759
475	1902.4	441.9	0.46	-47.21	-26.69	0	0.546614128
500	1830.5	409.2	0.45	-53.8	-32.12	0	0.586805808
525	1760.5	378.5	0.43	-61.03	-38.2	0	0.628586731
550	1692.5	349.8	0.41	-68.97	-44.97	0	0.672038537
575	1626.7	323.1	0.4	-77.66	-52.51	0	0.71724345
600	1563.1	298.3	0.38	-87.18	-60.86	0	0.764283752